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PCT/GB2003/002422

20 DEC 2004



INVESTOR IN PEOPLE

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The Patent Office  
Concept House  
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I, the undersigned, being an officer duly authorised in accordance with Section 74(1) and (4) of the Deregulation & Contracting Out Act 1994, to sign and issue certificates on behalf of the Comptroller-General, hereby certify that annexed hereto is a true copy of the documents as originally filed in connection with the patent application identified therein.

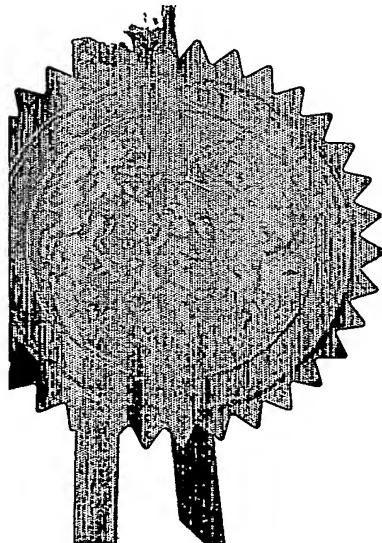
In accordance with the Patents (Companies Re-registration) Rules 1982, if a company named in this certificate and any accompanying documents has re-registered under the Companies Act 1980 with the same name as that with which it was registered immediately before re-registration save for the substitution as, or inclusion as, the last part of the name of the words "public limited company" or their equivalents in Welsh, references to the name of the company in this certificate and any accompanying documents shall be treated as references to the name with which it is so re-registered.

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Dated 17 July 2003



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18 JUN 2002 E734531-1 082562  
P01/7700 0100-0213936.8

The Patent Office

Cardiff Road  
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**Request for grant of a patent**

(See the notes on the back of this form. You can also get an explanatory leaflet from the Patent Office to help you fill in this form)

1. Your reference

SOLAR VALVE

2. Patent application number

(The Patent Office will fill in this part)

3. Full name, address and postcode of the or of each applicant (underline all surnames)

SEAN JOHN LINDEN

117 BROMFORD CRESCENT  
EDDINGTON, BIRMINGHAM B24 9RJ.

Patents ADP number (if you know it)

If the applicant is a corporate body, give the country/state of its incorporation

8340515001

4. Title of the invention

THE SOLAR HEAT REACTING VALVE.

5. Name of your agent (if you have one)

WITHERS & ROGERS  
GOLDINGS HOUSE  
2 HAXIS LANE  
LONDON  
SE1 2HW

"Address for service" in the United Kingdom to which all correspondence should be sent (including the postcode)

FSI/77 22.10.02.

Patents ADP number (if you know it)

6. If you are declaring priority from one or more earlier patent applications, give the country and the date of filing of the or of each of these earlier applications and (if you know it) the or each application number

Country

Priority application number  
(if you know it)Date of filing  
(day / month / year)7. If this application is divided or otherwise derived from an earlier UK application, give the number and the filing date of the earlier application

Number of earlier application

Date of filing  
(day / month / year)8. Is a statement of inventorship and of right to grant of a patent required in support of this request? (Answer 'Yes' if:

YES

- a) any applicant named in part 3 is not an inventor, or
- b) there is an inventor who is not named as an applicant, or
- c) any named applicant is a corporate body.

See note (d)

Patents Form 1/77

9. Enter the number of sheets for any of the following items you are filing with this form.  
Do not count copies of the same document

Continuation sheets of this form

6

Description

1

Claim(s)

1

Abstract

1

Drawing(s)

4

(2nd)

10. If you are also filing any of the following, state how many against each item.

Priority documents

Translations of priority documents

Statement of inventorship and right to grant of a patent (Patents Form 7/77)

Request for preliminary examination and search (Patents Form 9/77)

Request for substantive examination  
(Patents Form 10/77)

Any other documents  
(please specify)

11.

I/we request the grant of a patent on the basis of this application.

Signature

Date

20/6/2002

12. Name and daytime telephone number of person to contact in the United Kingdom

Warning

After an application for a patent has been filed, the Comptroller of the Patent Office will consider whether publication or communication of the invention should be prohibited or restricted under Section 22 of the Patents Act 1977. You will be informed if it is necessary to prohibit or restrict your invention in this way. Furthermore, if you live in the United Kingdom, Section 23 of the Patents Act 1977 stops you from applying for a patent abroad without first getting written permission from the Patent Office unless an application has been filed at least 6 weeks beforehand in the United Kingdom for a patent for the same invention and either no direction prohibiting publication or communication has been given, or any such direction has been revoked.

Notes

- a) If you need help to fill in this form or you have any questions, please contact the Patent Office on 08459 500505.
- b) Write your answers in capital letters using black ink or you may type them.
- c) If there is not enough space for all the relevant details on any part of this form, please continue on a separate sheet of paper and write "see continuation sheet" in the relevant part(s). Any continuation sheet should be attached to this form.
- d) If you have answered 'Yes' Patents Form 7/77 will need to be filed.
- e) Once you have filled in the form you must remember to sign and date it.
- f) For details of the fee and ways to pay please contact the Patent Office.

## SOLAR VALVE

Solar valve. , A small solar panel Fig 1, to charge low voltage Battery Fig 2. Battery connects to a solenoid Fig 7 similar to a car central locking device. A beacon relay Fig 3. is installed into PVC box Fig 2. to receive signal from detectors from page 1. The detectors can be fitted into any smoke Co. or gas detectors as illustrated on page 1. when assembled can transmit signals to solar valve, When this happens the solar valve will close off the gas supply, or petrol lines, or hasaredous fuels. The solar valve has no external wiring and works on radio signals. The solar valve can then be mounted onto the linden valve. It also can be fitted with a tremor switch that would react under earth tremors. There is also a relay fitted linked to a solenoid when activated would set off an alarm and also phone the switch board or fire department. The solar valve can be installed onto any location on earth needing only power from the sun to activate. The solar valve can be installed onto the linden shield witch would be for commercial buildings. As in drawings 1, 2, 3, and 4 the solar valve is showing the various position the valve can be installed.

## CLAIMS

The solar valve protect after the detection of gas, Co gases, smoke, also tremors. The valve works by means of radio waves, without any need of wiring. And can be set up to phone lines.

The solar valve for the first time can be set up for a site engineer or a petrol attendant to carry a fob button that in the event of gas, petrol, acids or dangerous conditions they would be able to close down the services by means of pointing the fob at the valve or relay.

The solar valve for the first time could activate any given pipe line or any product that would need a valve fitted by means of a key ring fob.

The solar valve for the first time can protect people that cannot smell also people that cannot hear sounding alarms. giving total protection from gas and Co gasses.

The solar valve gives total protection of pipe lines from explosions etc.

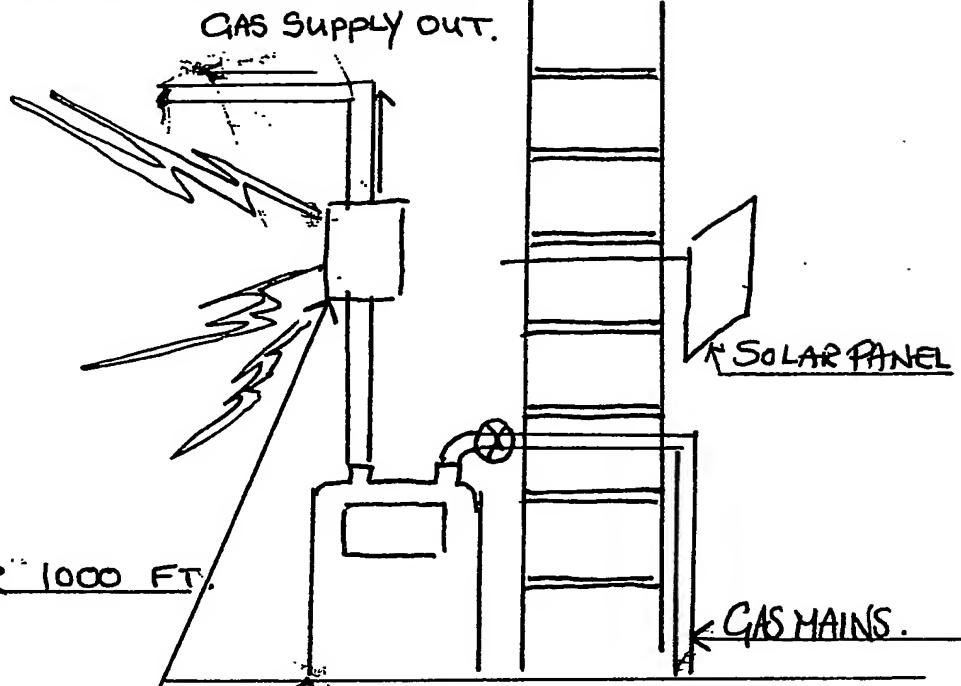
The solar valve can set off containers releasing foams etc. or water services

The solar valve can protect earth quake zones also any petrol stations from escaping gasses or fuels.

# SHEER MODULE.

SMOKE DETECTOR UP TO 1000 FT.

PAGE 1



CO<sub>2</sub> DETECTOR 1000 FT.

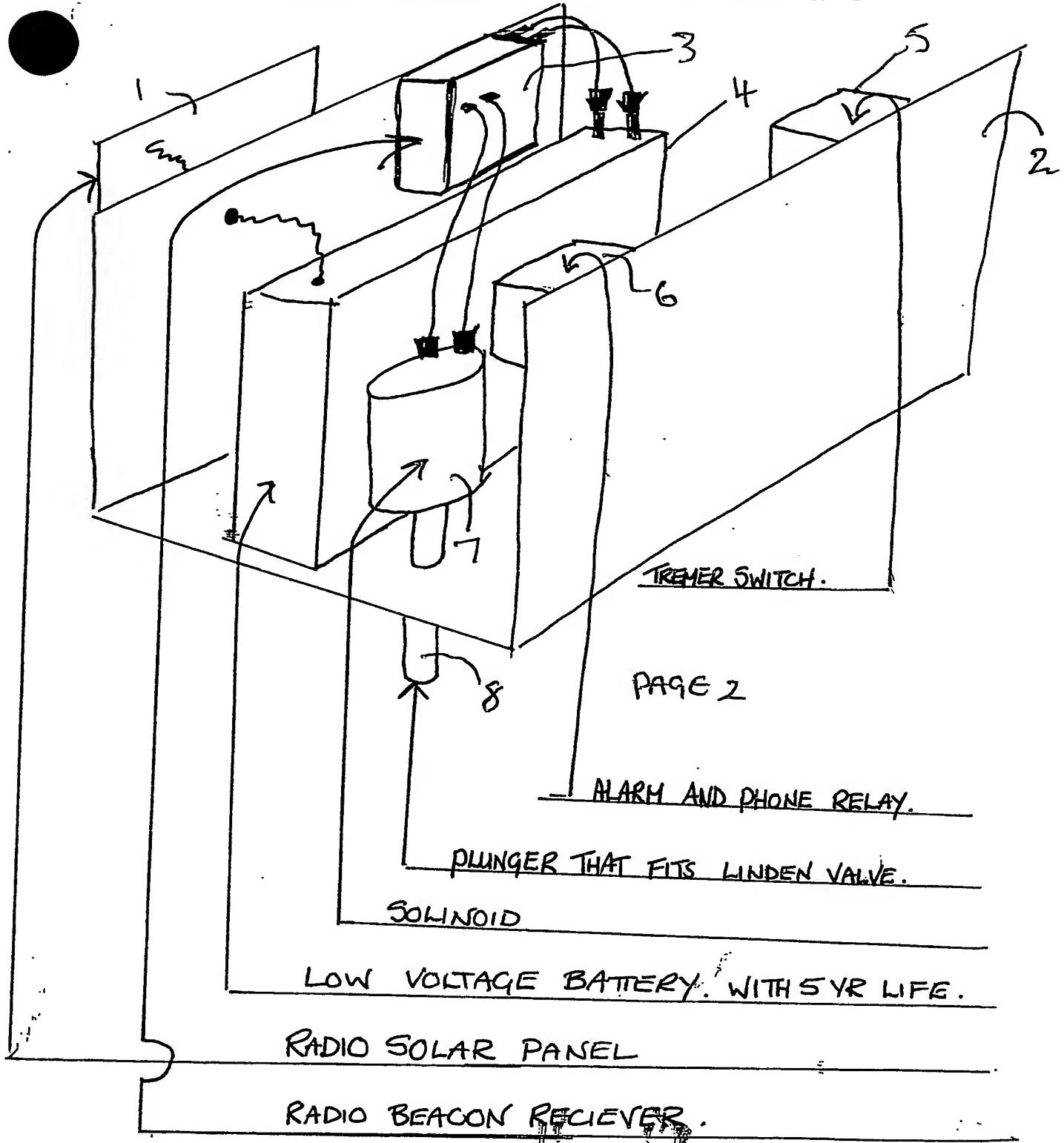
SHEER MODULE WITH LINDEN VALVE.

GAS DETECTOR UP TO 1000 FT.

DRAWING (1)

END

INTERNAL PARTS OF SHEER MODULE.



DRAWING (2)

END

ETC ↑

DRAWING(4.)

PAGE 4.

4TH FLOOR

3RD FLOOR.

HEAT REACTING BOTTLE.

2ND FLOOR.

SHEER MODULE.

1ST FLOOR

GAS, CO<sub>2</sub>, SMOKE DETECTOR.

GROUND FLOOR.

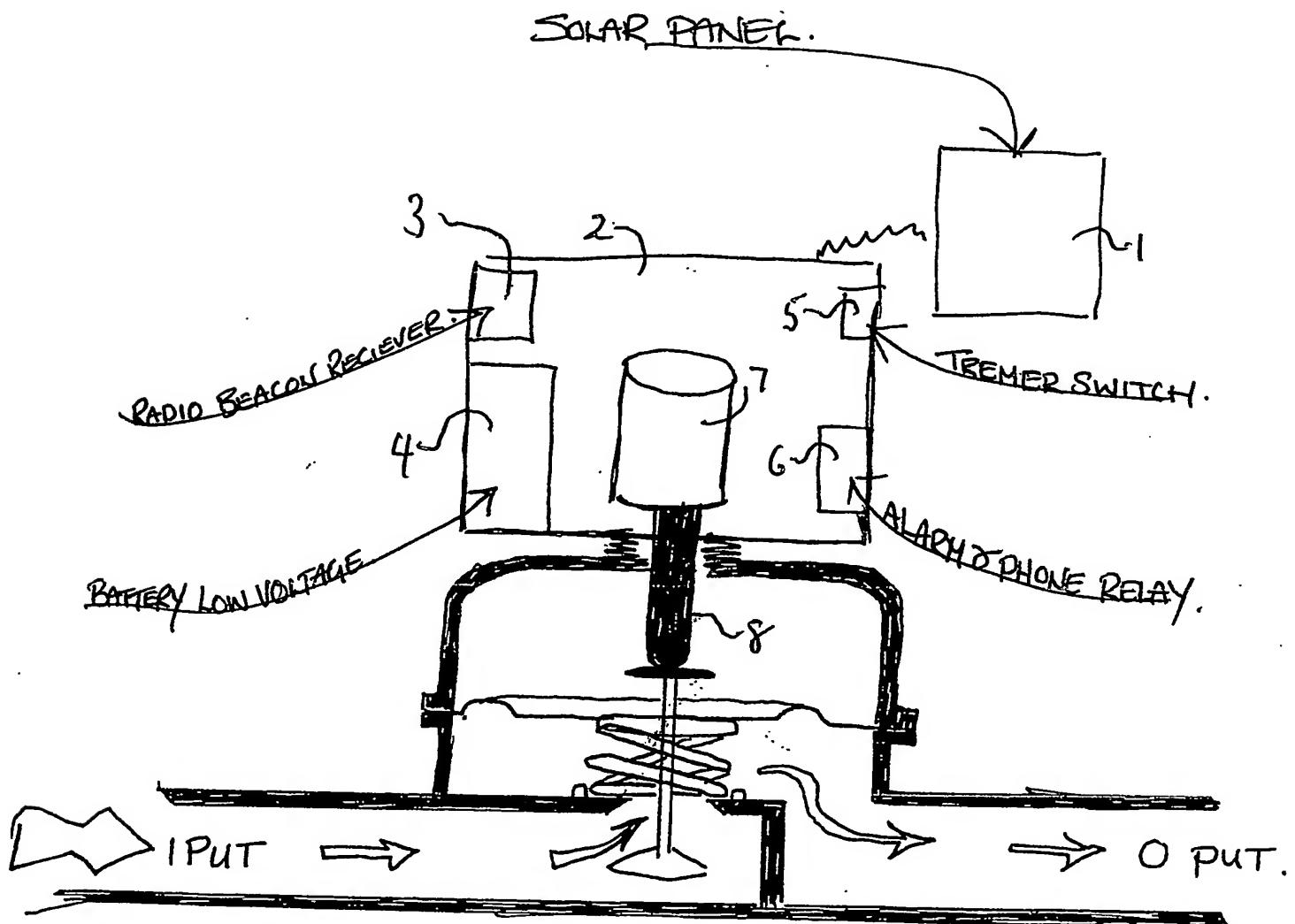
AIR GAUGE (CAN BE PRE SET)

COMPRESOR.

END.

SHERB MODULE CONNECTED TO LINEN VALVE.

DRAWING (3)  
PAGE 3.



AS SOON AS RADIO WAVES SIGNAL BEACON  
SOLENOID RELEASES DIOPHRAM CLOSING GAS.

END

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